

Claims

1 1. A computer-implemented method for annotating a system having a display for
2 displaying a page having objects, said objects stored in a non-modifiable portion of a file,
3 comprising the steps of:

4 receiving a designation of an object of said objects on the displayed page;

5 receiving an annotation;

6 determining a position of the object in the non-modifiable portion of the file;

7 storing the position and the annotation separately from the non-modifiable portion of the
8 file.

1 2. The computer-implemented method according to claim 1, wherein the designation
2 of the object is received through interaction with a stylus.

1 3. The computer-implemented method according to claim 1, wherein the designation
2 of the object is received through interaction with a mouse.

1 4. The computer-implemented method according to claim 1, wherein the annotation
2 is a highlight.

1 5. The computer-implemented method according to claim 1, wherein the annotation
2 is a bookmark.

1 6. The computer-implemented method according to claim 1, wherein the annotation
2 is a drawing.

1 7. The computer-implemented method according to claim 1, wherein the annotation
2 is a text annotation.

1 8. The computer-implemented method according to claim 1, wherein said
2 determining step comprises the step of:

3 counting the number of bytes from the beginning of the non-modifiable portion of the file
4 to the selected object.

1 9. The computer-implemented method according to claim 1, wherein said
2 determining step comprises the steps of:

3 counting the number of bytes from the beginning of the non-modifiable portion of the file
4 to a first object on the displayed page object;

5 counting the number of bytes from the first object on the displayed page to the selected
6 object;

7 adding the number obtained from said first counting step to the number obtained from
8 said second counting step to determine the file position of the object in said file.

1 10. The computer-implemented method according to claim 1, wherein said annotation
2 is an annotation of said object.

1 11. A computer-readable medium having a program stored thereon, said program
2 used in conjunction with a system having a display for displaying a page having objects, said
3 objects stored in a non-modifiable portion of a file, said program comprising the steps of:

4 receiving a designation of an object of said objects on the displayed page;

5 receiving an annotation;

6 determining a position of the object in the non-modifiable portion of the file;

7 storing the position and the annotation separately from the non-modifiable portion of the
8 file.

1 12. The computer-readable medium according to claim 11, wherein the designation of
2 the object is received through interaction with a stylus.

1 13. The computer-readable medium according to claim 11, wherein the designation of
2 the object is received through interaction with a mouse.

1 14. The computer-readable medium according to claim 11, wherein the annotation is
2 a highlight.

1 15. The computer-readable medium according to claim 11, wherein the annotation is
2 a bookmark.

1 16. The computer-readable medium according to claim 11, wherein the annotation is
2 a drawing.

1 17. The computer-readable medium according to claim 11, wherein the annotation is
2 a text annotation.

1 18. The computer-readable medium according to claim 11, wherein said determining
2 step comprises the step of:

3 counting the number of bytes from the beginning of the non-modifiable portion of the file
4 to the selected object.

1 19. The computer-readable medium according to claim 11, wherein said determining
2 step comprises the steps of:

3 counting the number of bytes from the beginning of the non-modifiable portion of the file
4 to a first object on the displayed page object;

5 counting the number of bytes from the first object on the displayed page to the selected
6 object;

7 adding the number obtained from said first counting step to the number obtained from
8 said second counting step to determine the file position of the object in said file.

1 20. The computer-readable medium according to claim 11, wherein the annotation is
2 an annotation of the object.

1 21. A computer-readable medium having stored thereon data structures comprising:
2 a first data structure having non-modifiable content;
3 a second data structure having modifiable content, said second data structure including at
4 least a third data structure having a file position indicator that references a file position in said
5 first data structure and a fourth data structure including an annotation.

1 22. The computer-readable medium according to claim 21, wherein the annotation is
2 relevant to the object at said file position.

1 23. A computer-readable medium having stored thereon data structures comprising:
2 a first data structure having a non-modifiable content portion and modifiable content
3 portion, said modifiable content portion including at least a second data structure having a file
4 position indicator that references a file position in said non-modifiable content portion and a
5 third data structure including an annotation.

1 24. The computer-readable medium according to claim 23, wherein the annotation is
2 relevant to the object at said file position.